|  |  |
| --- | --- |
| **QUESTION** | **Application** |
| **TC1.1** | **Is Temporary Construction Entrance applied as required?** |
| **CGP, Attachment C.E.1, D.E.1, E.E.1** | Risk level 1, 2 and 3 dischargers shall establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from the site. |
| **CGP, Attachment D.E.5, E.E.5** | Risk level 2 and 3 dischargers shall ensure that construction activity traffic to and from the project is limited to entrances and exits that employ effective controls to prevent offsite tracking of sediment. |
| **CGP, Attachment D.E.7, E.E.7** | Risk level 2 and 3 dischargers shall inspect on a daily basis all immediate access roads daily. At a minimum daily (when necessary) and prior to any rain event, the discharger shall remove any sediment or other construction activity-related materials that are deposited on the roads (by vacuuming or sweeping). |
| **LTP, VIII.B,5** | Dischargers shall implement a combination of sediment and erosion controls to prevent or minimize sediment discharges from the site. Control measures shall include, but are not limited to, the following items:  **5.** Prevent off-site tracking of earthen materials from the construction site onto adjacent roads and public ways. Dischargers shall control access points, install stabilized entrances/exits for vehicle and equipment traffic operating on the site, and implement sweeping as necessary where tracking prevention is not complete. |

|  |  |
| --- | --- |
|  | **Installation** |
| **TC1.2** | **Is the Temporary Construction Entrance constructed properly?** |
| **SPECs, 13-7.03A General** | Prepare the location for a temporary construction entrance or roadway as follows:  1. Remove vegetation to ground level and clear away debris  2. Grade the ground to a uniform plane  3. Grade the ground surface to drain  4. Remove sharp objects that could damage the fabric  5. Compact the top 1.5 feet of the soil to at least 90 percent relative compaction  Construct a temporary construction entrance or roadway as follows:  1. Position the fabric along the length of the entrance or roadway  2. Overlap the sides and ends of the fabric by at least 12 inches  3. Spread rock over the fabric in the direction of traffic  4. Cover the fabric with rock within 24 hours  5. Keep a 6-inch layer of rock over the fabric to prevent damage from spreading equipment  Do not drive on the fabric until the rock is spread.  Repair fabric damaged during rock spreading by placing new fabric over the damaged area. The new fabric must be large enough to cover the damaged area and provide at least an 18-inch overlap on all edges. |
| **SPECs, 13-7.03B Temporary Construction Entrance** | If a Type 1 temporary construction entrance is shown, use Type A rock.  If a Type 2 temporary construction entrance is shown, use Type B rock under the corrugated steel panels. Use at least 6 corrugated steel panels for each entrance. Couple the panels together to prevent movement.  If using a sump, install the sump within 20 feet of each temporary construction entrance. |
| **See Standard Plan Sheet T58** | Temporary Construction Entrance |

|  |  |
| --- | --- |
|  | **Materials** |
| **TC1.3** | **Does the Temporary Construction Entrance consist of the correct materials?** |
| **SPECs, 13-7.02A General** | Fabric for a temporary construction entrance must be rock slope protection fabric, Class 8. |
| **SPECs, 13-7.02B Rock** | Type A rock must comply with:  2. Sizes shown in the following table:   |  |  |  | | --- | --- | --- | | **Square screen size (inch)** | **Percentage passing** | **Percentage retained** | | 6 | 100 | 0 | | 3 | 0 | 100 |   Type B rock must be railway ballast number 25. Do not use blast furnace slag. Railway ballast number 25 must comply with:  1. Description in AREMA Manual for Railway Engineering  2. Sizes shown in the following table:   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Nominal size square opening** | **Percentage passing** |  |  |  |  |  |  |  |  | |  | 3" | 2-1/2" | 2" | 1-1/2" | 1" | 3/4" | 1/2" | 3/8" | No. 4 | | 2-1/2"–3/8" | 100 | 80–100 | 60–85 | 50–70 | 25–50 | -- | 5–20 | 0–10 | 0–3 | |
| **SPECs, 13-7.02C Corrugated Steel Panels** | Corrugated steel panels must:  1. Be made of steel  2. Be pressed or shop welded  3. Have a slot or hook for connecting the panels together |
|  | **Maintenance** |
| **TC1.4** | **Is the Temporary Construction Entrance maintained properly?** |
| **SPECs, 13-7.03A General** | Maintain a temporary construction entrance or roadway to minimize the generation of dust and tracking of soil and sediment onto public roads. Whenever dust or sediment tracking increases, place additional rock unless the Engineer authorizes another method."  Repair a temporary construction entrance or roadway if:  1. Fabric is exposed  2. Depressions in the surface develop  3. Rock is displaced  When the temporary construction entrance or roadway is being used, do not allow soil, sediment, and other debris that is tracked onto the pavement to enter storm drains, open drainage facilities, and watercourses. |
| **CGP, Attachment D.E.6; E.E.6** | Risk Level 2 and 3 dischargers shall ensure that all storm drain inlets and perimeter controls, runoff control BMPs, and pollutant controls at entrances and exits (e.g. tire washoff locations) are maintained and protected from activities that reduce their effectiveness. |
| **CGP, Order IV.E Proper Operation and Maintenance** | The discharger shall at all times properly operate and maintain any facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with the conditions of this General Permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems installed by a discharger when necessary to achieve compliance with the conditions of this General Permit. |

Diagram

Description automatically generated

|  |  |
| --- | --- |
| **QUESTION** | **Application** |
| **TC2.1** | **Is Temporary Construction Roadway applied as required?** |
| **None** | Not a specific CGP or Water Pollution Control Specification requirement |

|  |  |
| --- | --- |
|  | **Installation** |
| **TC2.2** | **Is the Temporary Construction Roadway constructed properly?** |
| **SPECs, 13-7.03A General** | Prepare the location for a temporary construction entrance or roadway as follows:  1. Remove vegetation to ground level and clear away debris  2. Grade the ground to a uniform plane  3. Grade the ground surface to drain  4. Remove sharp objects that could damage the fabric  5. Compact the top 1.5 feet of the soil to at least 90 percent relative compaction  Construct a temporary construction entrance or roadway as follows:  1. Position the fabric along the length of the entrance or roadway  2. Overlap the sides and ends of the fabric by at least 12 inches  3. Spread rock over the fabric in the direction of traffic  4. Cover the fabric with rock within 24 hours  5. Keep a 6-inch layer of rock over the fabric to prevent damage from spreading equipment  Do not drive on the fabric until the rock is spread.  Repair fabric damaged during rock spreading by placing new fabric over the damaged area. The new fabric must be large enough to cover the damaged area and provide at least an 18-inch overlap on all edges. |

|  |  |
| --- | --- |
|  | **Materials** |
| **TC2.3** | **Does the Temporary Construction Roadway consist of the correct materials?** |
| **SPECs, 13-7.02A General** | Fabric for a temporary construction entrance must be rock slope protection fabric, Class 10. |
| **SPECs, 13-7.02B Rock** | Type A rock must comply with:  2. Sizes shown in the following table:   |  |  |  | | --- | --- | --- | | **Square screen size (inch)** | **Percentage passing** | **Percentage retained** | | 6 | 100 | 0 | | 3 | 0 | 100 |   Type B rock must be railway ballast number 25. Do not use blast furnace slag. Railway ballast number 25 must comply with:  1. Description in AREMA Manual for Railway Engineering  2. Sizes shown in the following table:   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Nominal size square opening** | **Percentage passing** |  |  |  |  |  |  |  |  | |  | 3" | 2-1/2" | 2" | 1-1/2" | 1" | 3/4" | 1/2" | 3/8" | No. 4 | | 2-1/2"–3/8" | 100 | 80–100 | 60–85 | 50–70 | 25–50 | -- | 5–20 | 0–10 | 0–3 | |

|  |  |
| --- | --- |
|  | **Maintenance** |
| **TC2.4** | **Is the Temporary Construction Roadway maintained properly?** |
| **SPECs, 13-7.03A General** | Maintain a temporary construction entrance or roadway to minimize the generation of dust and tracking of soil and sediment onto public roads. Whenever dust or sediment tracking increases, place additional rock unless the Engineer authorizes another method."  Repair a temporary construction entrance or roadway if:  1. Fabric is exposed  2. Depressions in the surface develop  3. Rock is displaced  When the temporary construction entrance or roadway is being used, do not allow soil, sediment, and other debris that is tracked onto the pavement to enter storm drains, open drainage facilities, and watercourses. |
| **CGP, Order IV.E Proper Operation and Maintenance** | The discharger shall at all times properly operate and maintain any facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with the conditions of this General Permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems installed by a discharger when necessary to achieve compliance with the conditions of this General Permit. |